

## INTERNATIONAL SEARCH REPORT

International Application No

EP2004/012384

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 A61K9/50 C12N5/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K C12N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BIOSIS, MEDLINE, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	PANGAS STEPHANIE A ET AL: "Novel approach for the three-dimensional culture of granulosa cell-oocyte complexes." TISSUE ENGINEERING, vol. 9, no. 5, October 2003 (2003-10), pages 1013-1021, XP002323638 ISSN: 1076-3279 page 1014, column 2, paragraph 3; figure 1	1-50
Y	EP 0 922 451 B (UNIVERSITA DI PAVIA; UNIVERSITA' DEGLI STUDI DI MILANO; UNIVERSITA' DE) 16 June 1999 (1999-06-16) example 1	1-50

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the International filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the International filing date but later than the priority date claimed

\*T\* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the International search

14 April 2005

Date of mailing of the International search report

08.08.2005

Name and mailing address of the ISA

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International application No.  
PCT/EP2004/012384

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3.  Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple Inventions in this international application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-50 in part

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-50 in part

Microencapsulation of ovarian cells

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2. claims: 1-50 in part

Microencapsulation of stem cells.

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3. claims: 1-50 in part

Microencapsulation of gametes not from the ovary

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4. claims: 1-50 in part

Microencapsulation of mammalian embryos

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

ational Application No

.../EP2004/012384

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0922451	B	16-06-1999	IT MI972652 A1	28-05-1999
			AT 243508 T	15-07-2003
			DE 69815800 D1	31-07-2003
			DE 69815800 T2	29-04-2004
			DK 922451 T3	13-10-2003
			EP 0922451 A2	16-06-1999
			ES 2202723 T3	01-04-2004
			PT 922451 T	28-11-2003